



Travis County Flood Mitigation Study

Thoroughbred Farms Community Meeting

August 31, 2016



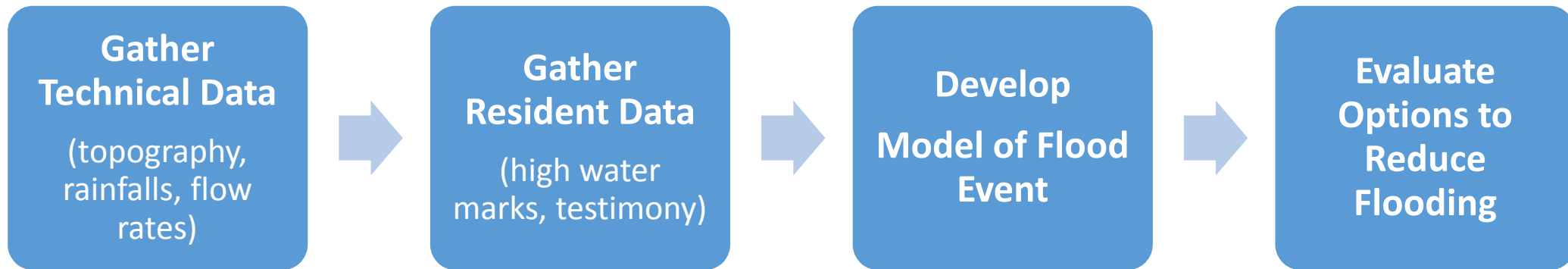
Study Purpose

Travis County is conducting a comprehensive study of recent flood events to:

- Better understand what happened
- Plan for the future
- Explore flood mitigation options



How is the study conducted?





Reason for Tonight's Meeting

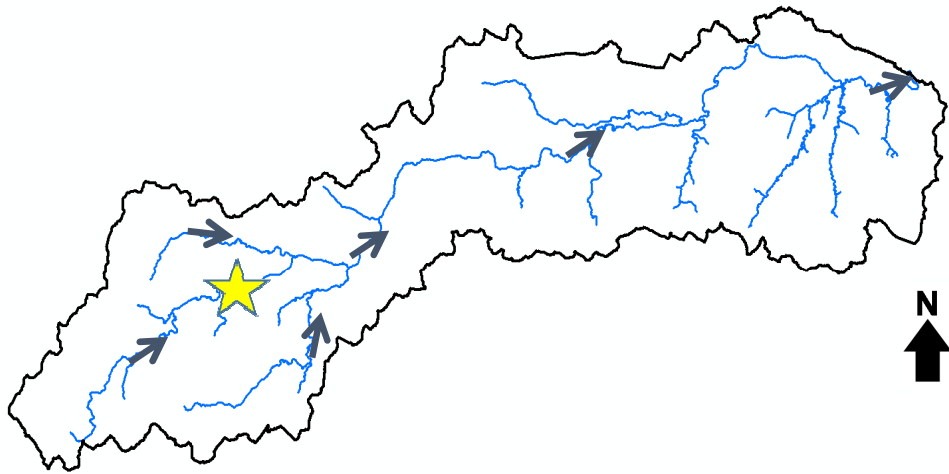
- Introduce the study
- Explain the process
- Hear your concerns
- Collect information





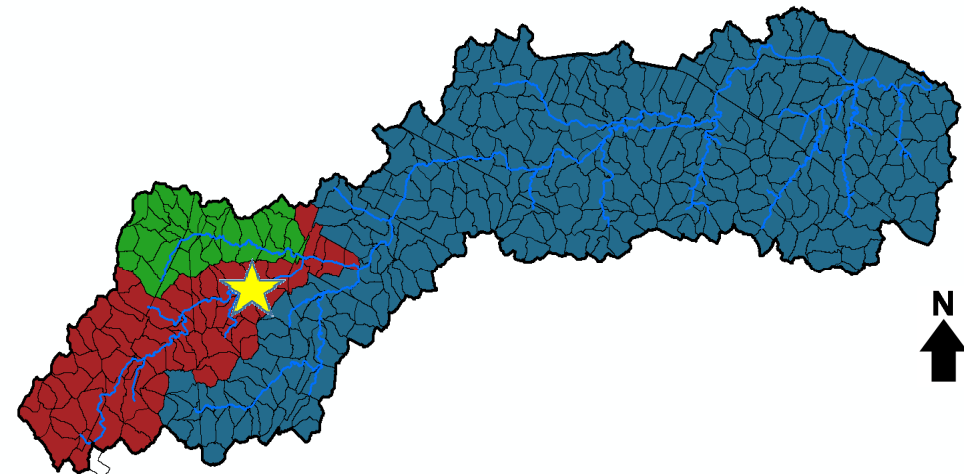
Watersheds

Watershed: An area of land that drains to a common



Dry Creek East: 56 sq mi
(35,840 acres OR 27,200 Football Fields)

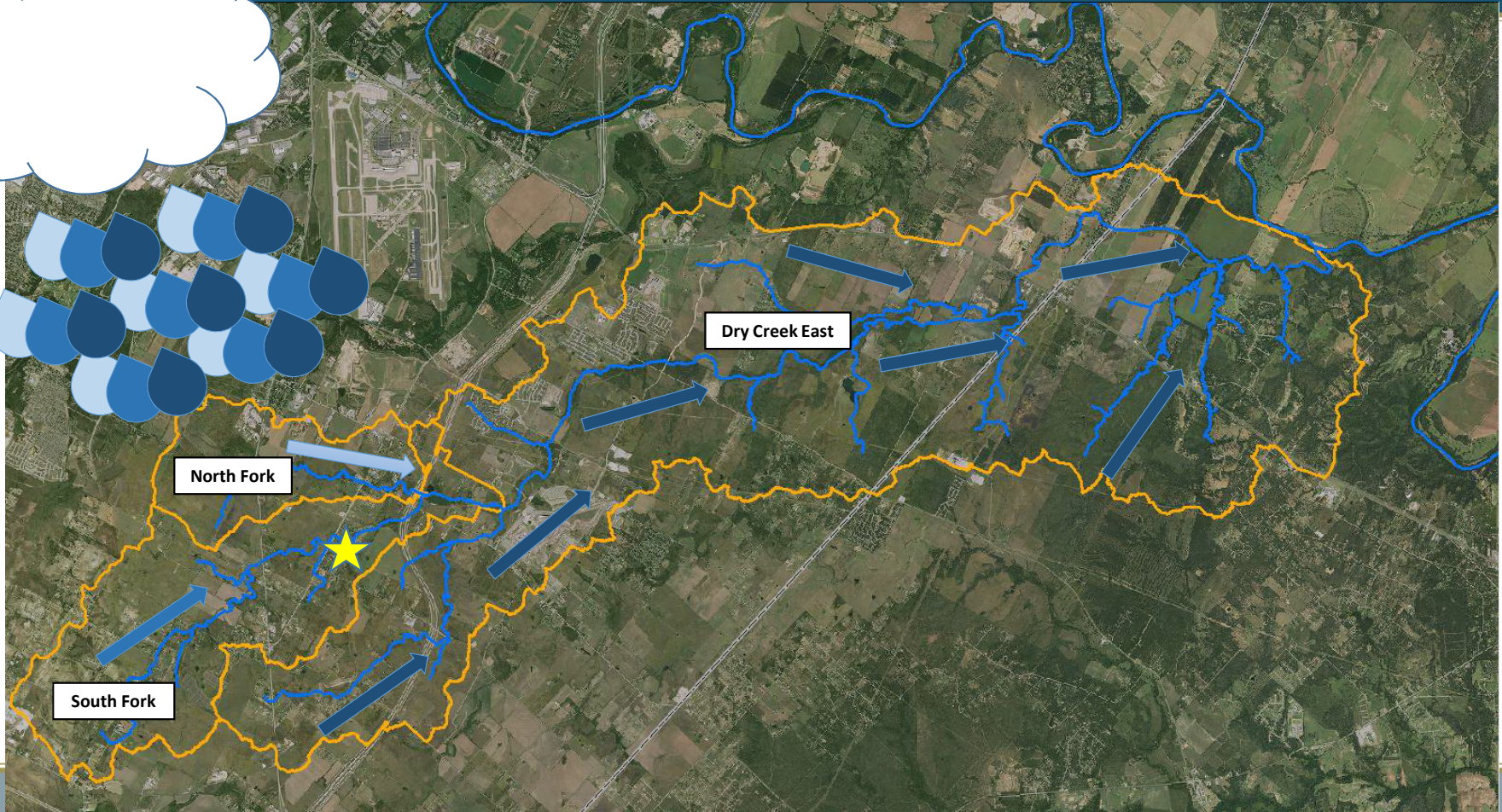
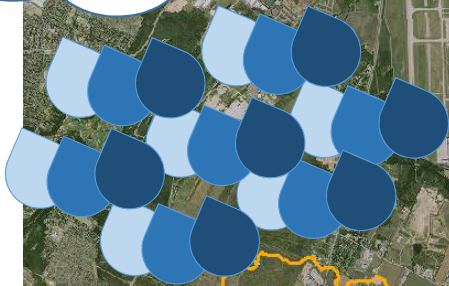
Subwatershed: smaller portion of a larger watershed

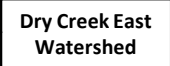


South Fork Dry Creek East: 9.8 sq mi
(6,270 acres OR 4,800 Football Fields)



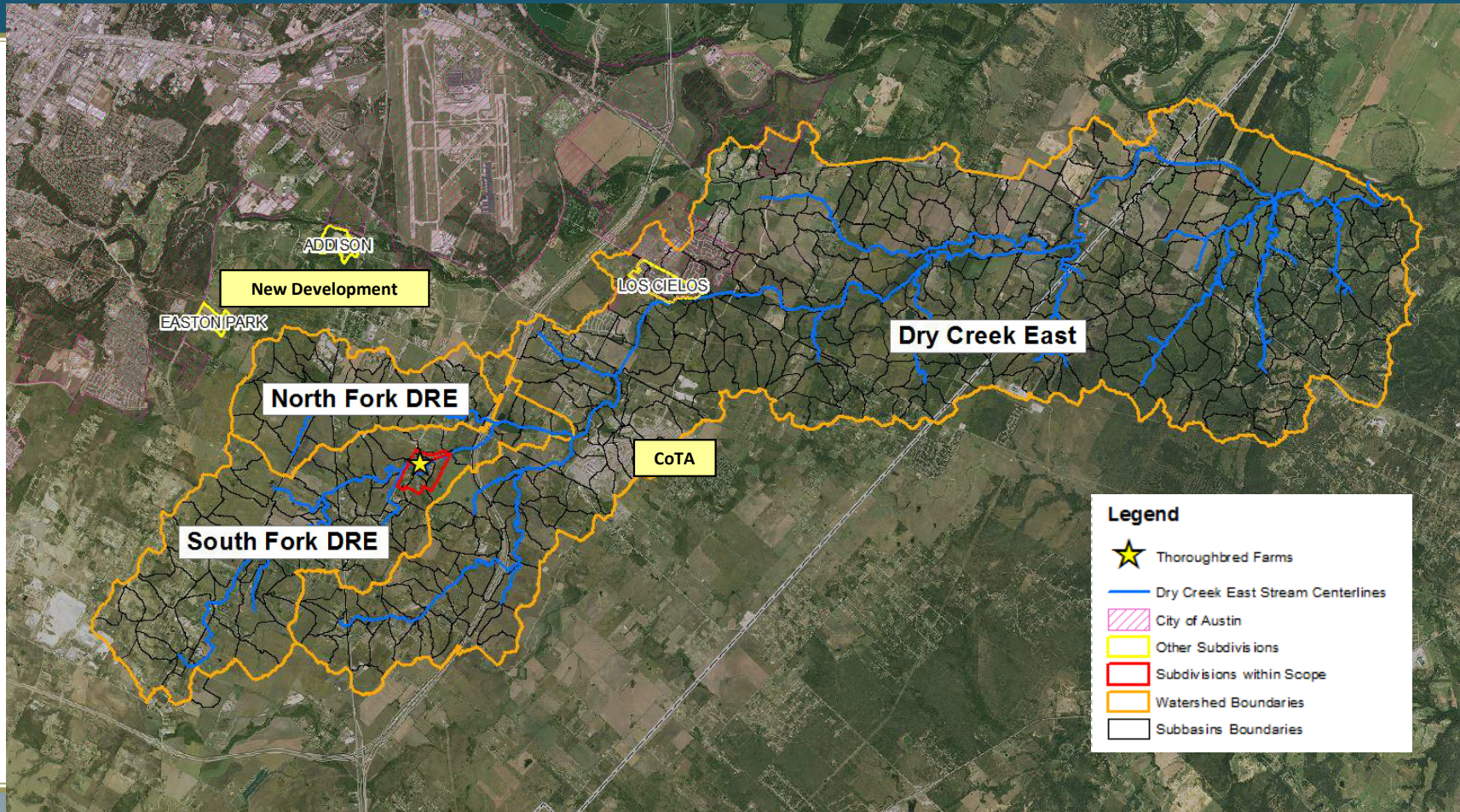
Dry Creek East







Site Visit Follow Up





Probability of Flooding

Flood Events	Probability of Occurrence in ANY given year	Percent Chance of Occurrence in ANY given year
500 Year	1 in 500	0.2 %
100 Year	1 in 100	1 %
50 Year	1 in 50	2 %
10 Year	1 in 10	10 %



Two EXTREME Weather Events above the 1% Flood

	Flow (gallons/second)			
	1% ACE	0.2% ACE	Oct 30, 2015	May 26, 2016
South Fork of Dry Creek East at Thoroughbred Farms	88,300	121,200	134,600*	121,200*

	Rainfall (inches)			
	1% ACE	0.2% ACE	Oct 30, 2015	May 26, 2016
South Fork of Dry Creek East at Thoroughbred Farms	6.5 (4 hr)	9.0 (4 hr)	11-14 (2 hr)	8-11 (4 hr)

*Preliminary Data from models



Share Your Input - High Water Marks

- Help us calibrate and validate our models
- How you can help:
 - Complete questionnaire
 - Tell your story
 - Draw on maps
 - Share photos/videos

Please fill out the Questionnaires!



10605 Ponder Lane HWM approx. 2 ft 8 in



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Thank you for your time and input!

